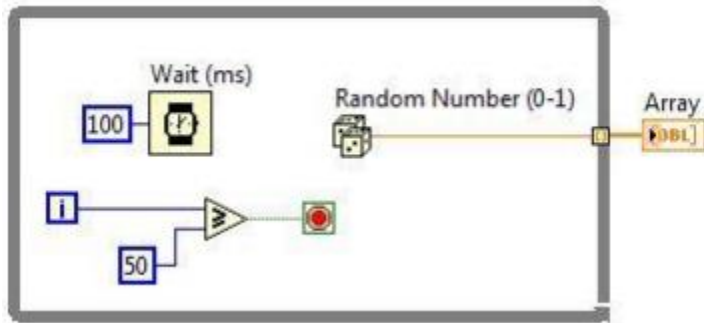1. **Which of the following statements is TRUE regarding the execution of the following code?**

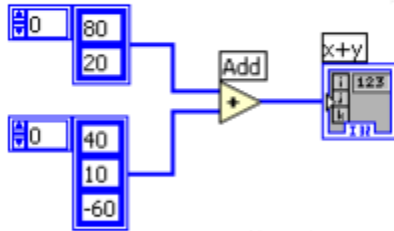

a. The loop will iterate 51 times.

b. The loop will iterate 50 times.

c. The loop will iterate 49 times.

d. A For Loop that has a 50 wired to the count terminal will perform the same operation

2. Which of the following statements is false?

a. A SubVI connector pane defines where to wire inputs and outputs

b. The color of a SubVI connector pane terminal matches the data type it is connected to

c. You must have an icon/connector to use a SubVI

d. A SubVI icon can be edited from the functions palette

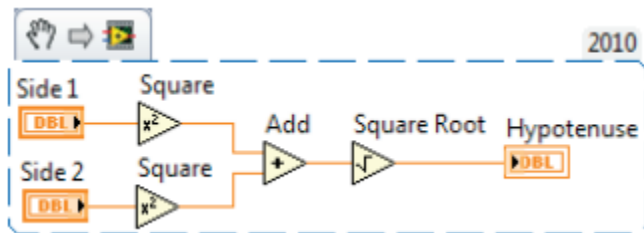**3. What is the result of the following Array addition?**

a. 1-D Array of {80, 20, 40, 10, -60}

b. 1-D Array of {120, 30, -60}

c. 1-D Array of {120, 30}

d. 2-D Array of {{120, 90, 20}, {60, 30, -40}}

4. If an input name on the Show Context Help window is in bold for a SubVI, which of the following conditions are true?

 a. Input values must be scalar.

 b. An input is recommended, but not required.

c. An input is required.

d. A broken run arrow will result unless the input is wired.

5. What is the correct order of execution of this code?

a. Square Root, Add, Square Functions in Parallel

b. Add, Square Root, Square Functions in Parallel

c. Square Functions in Parallel, Add, Square Root

6- To find a quick description of an object in the LabVIEW environment, simply turn on_____ by pressing _____and hovering over the object.

a. Detailed Help, Ctrl-I

b. Context Help, Ctrl-U

c. Context Help, Ctrl-H

 d. LabVIEW Help, Ctrl-Z

7. Which structure must run at least one time?

a. While loop

b. For loop

c. Case structure

8. Which is only available on the block diagram?

a. Control

b. Constant

c. Indicator

d. Connector pane

9. Which color represents a string data type?

a. Orange

b. Green

c. blue

d. Pink

10. How do you document a VI so that the description appears in the Show Context Help popup window?

a. Use the VI Properties Documentation window

b. Type in the Show Context Help window

c. Create a free label on the front panel

d. Edit the LabVIEW help files